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WEATHER BUREAU

MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE, DOMINION OF CANADA

JANUARY 1937

TEMPERATURE

Mean temperatures were very decidedly below the normal January temperature from the Pacific coast across the prairies to Lake Superior but were much higher than the normal temperature from Lake Huron eastward to Nova Scotia.

On Vancouver Island January was eight or nine degrees colder than a normal January in the southern districts and five or six degrees below normal on the northern portion of the Island. The mean temperature reported from Victoria was the lowest January mean since observations began at Esquimalt in 1891, with the exception of January, 1916. Along the lower Fraser River and Burrard Inlet temperatures were seven to eleven degrees below normal.

In the southern interior valleys of British Columbia mean temperatures were thirteen to nineteen degrees below normal. In the passes of the Selkirks and the Rockies the deficiency was sixteen to nineteen degrees and in the upper Fraser valley twelve to eighteen degrees. At Kamloops since 1890 the Januarys of the years 1907, 1916 and 1930 were colder than January, 1937.

In southern Alberta in the region of the Bow, Oldman, St. Mary and Milk Rivers January temperatures averaged twelve to twenty degrees below normal. At Medicine Hat since 1883 the only Januarys which averaged colder were those of 1886, 1890, 1907 and 1916. In the central agricultural districts of Alberta temperatures were eight to eleven degrees below normal. In the region of Lesser Slave Lake and the upper Peace River the deficiency of temperature was not nearly so great. Around Lesser Slave Lake temperatures were only four degrees below normal and six degrees below normal at Beaverlodge. On the northern margin of the cultivated region of the Peace River valley temperatures were apparently slightly above normal.

In Saskatchewan over the agricultural region the month was fifteen degrees below normal temperature, the deficiencies at the stations ranging from twelve to eighteen degrees. At Battleford this was the coldest January since records began in 1891 but at Prince Albert it was not so cold as January in both 1886 and 1887. At Swift Current since 1885 only January, 1916 was colder.

In the extreme southwestern portion of Manitoba temperatures were fourteen to seventeen degrees below normal and nine to twelve degrees over the greater portion of the agricultural region.

The abnormal character of the month was due to remarkably steady movement of air masses from the Arctic regions across western Canada during the month rather than to periods of unusually intense cold.

In the region between Lake Superior and the Lake of the Woods temperatures averaged five to eleven degrees below normal but in the region between the eastern shores of Lake Superior and James Bay temperatures averaged normal or slightly higher. In the region of the lower Great Lakes the month was almost continuously mild. Over the peninsula between Lakes Huron and Erie the excess over normal temperature was five to eight degrees but in the region between Lake Ontario and the Ottawa River the excess was eight to twelve degrees. At Toronto since the year 1840 only four Januarys, those of 1880, 1913, 1932 and 1933 have been warmer.

In southwestern Quebec January averaged ten to fourteen degrees above normal temperature and this was true also of the region immediately south of Lake St. John. Below Quebec City to the Gulf the excess over normal was five to eight degrees. In the eastern portion of the Gaspé Peninsula and on the Island of Anticosti normal temperatures were exceeded by only one or two degrees.

Along the shores of the Bay of Fundy and in the St. John River valley the normal January temperature was exceeded by six to eight degrees. In the region of the Bay of Chaleur the excess over normal temperature was three or four degrees and in Prince Edward Island five degrees. Along the outer coast of Nova Scotia the excess was four to six degrees, except in Cape Breton Island where the normal was exceeded by only two degrees.

In southern Newfoundland temperature averaged two degrees below normal but from Fogo to Belle Isle three to five degrees below normal. In the Yukon Territory and the lower Mackenzie valley the month was extremely mild with mean temperatures exceeding the normal by twelve to sixteen degrees. The usual polar continental type of airmass traversing this region in January gave place almost throughout the month to air masses apparently of polar Pacific type.

Over the region of Hudson Bay and extreme northern portions of the Provinces of Saskatchewan, Manitoba, Ontario, and Quebec the month averaged for the most part below normal. This was apparently due to almost continuous transport of air masses from the Arctic Archipelago across these regions. Along Hudson Strait and across Southampton Island to Chesterfield Inlet the temperatures averaged three to five degrees below normal.

PRECIPITATION

On the outer coast of Vancouver Island precipitation was seventy to seventy-five per cent. below normal. On the southern portion of the Island and along the inner channel the deficiency was thirty-five to fifty-five per cent. In the lower Fraser valley and the adjoining region the deficiency was sixty-five to eighty per cent. In the Okanagan, Kettle, south Thompson and upper Fraser valleys the precipitation was well in excess of the normal, averaging about fifty per cent., although a few localities reported two and a half times the normal amount. In the Kootenays some points reported moderate excesses and others moderate deficiencies. In the passes of the Selkirks and on the western slopes of the Rocky Mountains precipitation was deficient by thirty to sixty-five per cent. Along the northern portion of the Pacific coast the deficiency was fifty to sixty per cent.

On the eastern slopes of the Rocky Mountains the precipitation was quite heavy, the excesses ranging locally from thirty to two hundred per cent. and averaging about eighty per cent.

On the plains of Alberta the excess was generally about fifty per cent. although a few points reported only the normal amount. In the Lesser Slave and Peace River country the excess was generally sixty per cent.

In Saskatchewan, except for the extreme southeast and along the extreme northern margin of the grain region, the precipitation was largely in excess of normal. The distribution was very irregular with excesses ranging all the way from twenty to two hundred and sixty-five per cent. The largest excesses were for the most part in the south-western portion of the province. In the regions mentioned as exceptions there was a small deficiency.

In the western portion of the cultivated region of Manitoba the precipitation was deficient about thirty-five per cent. but in the Red River valley and closely adjoining territory there was a moderate excess.

Over the greater portion of the Province of Ontario precipitation was very largely in excess of the normal. In the region immediately adjacent to Georgian Bay and in some parts of the Ottawa valley the precipitation was either normal or less than the normal amount. Elsewhere there were numerous reports of precipitation which was between two and three times the normal amount. In the region between Lake Superior and the Lake of the Woods the average excess was ninety per cent. In the region between the eastern shores of Lake Superior and James Bay the excess was more than one hundred per cent. In the regions bordering on Lake Erie the excess was generally one hundred and thirty-five per cent. and in the region bordering on Lake Ontario but omitting the lower Ottawa valley the excess was sixty per cent.

In extreme southwestern Quebec, along the middle St. Lawrence and in the country south of the river to the New England border precipitation was in excess of normal by sixty per cent. In the hilly region north of the middle St. Lawrence, however, that is to say, along the Gatineau and St. Lawrence Rivers, the precipitation was deficient by about thirty per cent. Along the divide between the St. Lawrence and James Bay watersheds the precipitation was in excess of normal by about sixty-five per cent. In the region immediately surrounding Lake St. John and the Saguenay River the precipitation was in excess of normal by about forty per cent. Along the lower St. Lawrence and the Gulf both excess and deficiency were reported locally.

Precipitation was less than normal in northern and eastern New Brunswick where there was a deficiency of about forty per cent. while in central and southern Nova Scotia, parts of the Annapolis Valley and on Cape Breton Island deficiencies ranged locally between five and twenty per cent. In the region of the Bay of Fundy, in southwestern New Brunswick, in Prince Edward Island, and locally in the Annapolis Valley excesses ranged between five and forty-five per cent.

Precipitation was mostly snow in northern New Brunswick but was largely rain elsewhere in the Atlantic provinces. The bare ground in southern New Brunswick and Nova Scotia seriously interfered with the lumbering so that the crews were taken out of the woods.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column Tm is the mean temperature of the month; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Sg. denotes depth of snow on ground in inches, where given.

BRITISH COLUMBIA

STATION	H	L	Tm	P	I
Cowichan Bay	40°	10°	28°	3.4	80
Duncan	54°	2°	32°	2.4	
Shawnigan Lake	40°	6°	27°	4.1	
Sooke	44°	10°	29°	3.2	
Victoria	45°	19°	31°	2.3	85
Cumberland	47°	7°	27°	4.5	
Lazo	41°	15°	29°	3.0	
Nanaimo	42°	12°	30°	2.6	87
Nanoose Bay	40°	9°	27°	2.1	
Port Alberni	41°	12°	28°	2.6	
Sandwick				4 1	
Thurston Bay	36°	11°	26°	3 7	
Estevan Point			34°	3.5	
Quatsino	40°	21°	31°	3.6	
Britannia Beach	41°	2°	26°	1.9	
Prince Rupert	46°	15°	30°	4.7	65
New Hazelton	41°	-28°	2°	1.8	
Cranberry Lake	20°	-38°	-2°	1.1	
Prince George	36°	-42°	-4°	2.9	75
Quesnel	26°	-39°	2°	3.4	
Pemberton	32°	-24°	10°	1.5	
Abbotsford	46°	2°	24°	2.6	
Agassiz	41°	5°	25°	2.5	102
Garry Point	41°	4°	25°	2.0	
New Westminster	40°	8°	26°	2.2	
Vancouver	45°	10°	29°	2.4	87
Hedley	31°	-16°	7°	1.5	
Kelowna	29°	-11°	11°	2.2	
Merritt	38°	-28°	2°	1 0	
Okanagan Centre	30°	-6°	13°	2.1	
Oliver	27°	-12°	12°	1.3	76
Penticton	30°	-7°	13°	1.5	
Princeton	22°	-33°	2°	1 8	
Summerland	30°	-8°	11°	2.3	78
Vernon (Coldstream Ranch)	28°	-19°	6°	3.7	
Vernon	25°	-17°	7°	2.8	82
Greenwood	16°	-31°	-3°	1.5	
Rock Creek	28°	-34°	12°	3.4	
Creston	30°	-20°	5°	1.8	
Kalso	29°	-6°	12°	3.1	
Perry Siding	26°	-20°	6°	3.4	
Cranbrook	27°	-30°	1°	1.5	
Invermere	19°	-34°	-4°	0.3	87
Armstrong	26°	-34°	2°	3.5	
Kamloops	26°	-21°	6°	3.0	103
Salmon Arm	26°	-16°	12°	2.4	74
Field	18°	-31°	-4°	1.8	
Glacier	18°	-26°	-4°	3.5	
Golden	18°	-34°	-6°	0.8	
Revelstoke	25°	-18°	5°	3.8	
Hudson Hope	43°	-43°	-3°	1.1	61
Dawson	35°	-37°	-5°	2.9	
Mayo	36°	-42°	-7°	0.8	

ALBERTA

STATION	H	L	Tm	P	I	Sg.
Beaverlodge	39°	-37°	1°	1.9	82	
Fairview	37°	-31°	-1°	1.3	52	
High Prairie	39°	-47°	-4°	1.2		
Grouard	35°	-48°	-7°	1.7		
Slave Lake	37°	-48°	-6°	1.2		
Bear Lake	35°	-40°	-4°	1.1		
Roycroft	40°	-45°	-4°	2.6		
Keg River	42°	-49°	-6°	1.5	68	
Fort McMurray	22°	-44°	-18°	0.5		
Wabasca	34°	-40°	-7°	0.2		10
Camrose	40°	-42°	-5	0.9		
Edmonton	38	38°	-4°	0.9	83	4
Glendon	35°	-48°	-14°	1.0		
Naco	37°	-38°	-9°	1.7		
Radway	37°	-47°	-8°	1.5		
Ranfurly	36°	-42°	-7°	1.0		
Thorsby	44°	-41°	3°	0.7		
Vermilion	22°	-40°	-14°	0.8		
Viking	37°	-42°	-9°	0.5		
Wetaskiwin	33°	-38°	-4°	0.9		
Entrance	38°	-46°	-1°	1.2		
Exshaw	36°	-29°	-1°	1.2		
Lake Louise	16°	-47°	-12°	0.5		
Eckville	32°	-46°	-12°	1.9		
Harmattan	45°	-42°	-2°	1.3		
Hillsdown	46°	-41°	-3°	1.8		
Jenner	34°	-41°	-11°	0.2		
Lacombe	45°	-40°	-3°	0.9		
Olds	43°	-33°	-1°	1.2		
Red Deer	45°	-40°	-4°	2.1		
Springdale	43°	-48°	-4°	1.1		
Beaver Mines	28°	-40°	-1°	2.3		
Brooks	40°	-40°	-6°	1.0		
Cardston	34°	-28°	2°	0.3		
Calgary	41°	-32°	0°	1.7	83	
Glassford	32°	-43°	-10°	1.2		
High River	34°	-37°	-1°	1.2		
Lethbridge	35°	-35°	-2°	1.8	78	12
Macleod	33°	-35°	0°	1.9		
Medicine Hat	37°	-41°	-6°	0.6	69	6
Pincher Creek	31°	-28°	0°	1.0		
Raymond	34°	-33°	0°	1.4		
Strathmore	42°	-32°	-3°	1.1		
Cowley				1.7		
Hearnleigh				1.2		
Seven Persons				0.7		
Winnifred				0.9		
Hardisty				0.1		

SASKATCHEWAN

Lac la Ronge	14°	-46°	-20°	0.6		
Battleford	37°	-52°	-20°	0.6		
Biggar	34°	-39°	-14°			
Rosetown				0.6		
Scott	34°	-48°	-18°	0.9	94	
Melfort	16°	-39°	-20°	0.8		
St. Walburg	36°	-49°	-20°	0.7		
Rabbit Lake	31°	-49°	-18°	0.7		
Waseca	36°	-45°	-17°	1.0		
Dundurn	36°	-45°	-17°	1.1		10
Harris	36°	-43°	-15°	0.8		
Prince Albert	20°	-49°	-17°	0.7		10
Prongua				0.8		
Rosthern	32°	-47°	-19°	1.1		
Muenster	28°	-41°	-20°			
Maskakee Springs	30°	-49°	-18°	1.4		
Nipawin	13°	-46°	-19°	1.0		
Lintlaw	13°	-38°	-17°	0.7		
Kamsack	16°	-46°	-20°	1.0		
Saskatoon	36°	-44°	-18°	2.1		
Saskatoon (University of Sask.)	36°	-42°	-17°	1.4	127	14
Alsask	37°	-44°	-12°	1.2		
Carlyle	21°	-40°	-16°	0.6		
Caron	35°	-47°	-15°	0 9		
Ceylon				0.8		
Dilke				0.3		
Francis	31°	-43°	-17°			
Grenfell	30°	-36°	-16°	1.7		8
Indian Head	31°	-39°	-15°	1.3		
Lumsden	32°	-43°	-16°			
Midale	33°	-42°	-13°	1.6		
Moose Jaw	35°	-39°	-12°	0.7	101	
Nokomis	33°	-44°	-20°	1.3		
Qu'Appelle	32°	-39°	-13°	1.2	132	9
Regina	32°	-46°	-17°	0.6		4
Regina (Exp. Sub. Station)	32°	-45°	-17°	0.8		
Tugaske	34°	-40°	-16°	1.9		
Whitewood	27°	-39°	-14°	0.7		
Yellow Grass	32°	-41°	-18°	0.4		
Aneroid	34°	-40°	-8°	1.0		
Beechy	35°	-41°	-15°	0.5		
Chaplin	33°	-37°	-12°			
Gravelbourg	33°	-41°	-12°	0.9		
Hughton	35°	-40°	-16°			
Leader	35°	-42°	-12°	1.1		
Lidgett				1.3		
Maple Creek	35°	-41°	-8°	2.2		
Nashlyn	32°	-40°	-9°	1.0		
Outlook	36°	-41°	-16°	0.3		
Pennant	35°	-38°	-11°			
Rockglen				0 9		
Shaunavon	32°	-31°	-7°			
Swift Current	34°	-32°	-10°	1.2	73	
Willow Creek	32°	-44°	-10°	0.7		
Diana	35°	-38°	-14°	0.5		10

MANITOBA

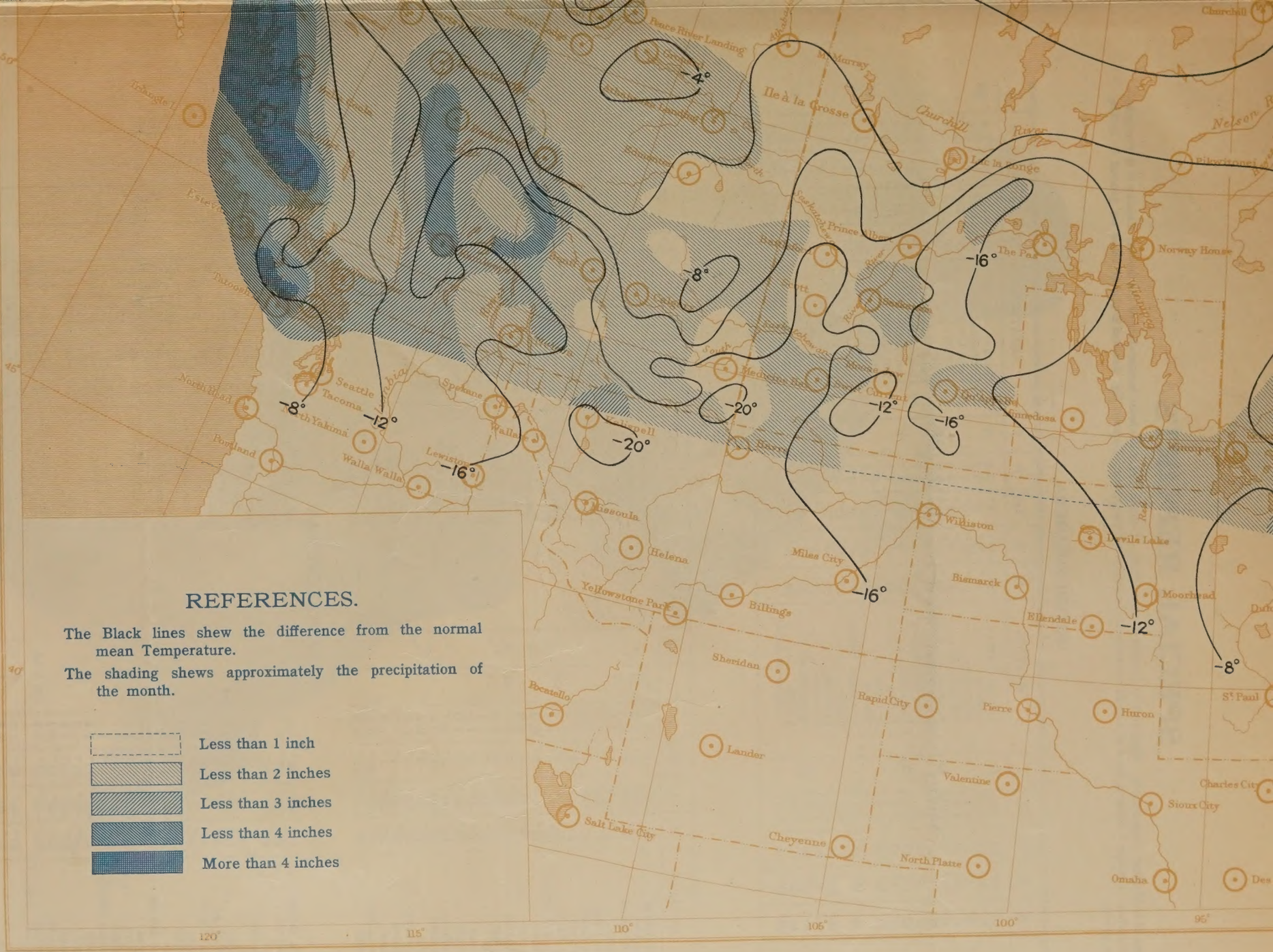
STATION	H	L	Tm	P	I	Sg
Birtle	16°	-38°		0.3		10
Brandon	18°	-44°	-10°	0.6	133	10
Deloraine	20°	-41°	-14°			
Dropmore	15°	-40°	-19°	0.2		12
Hamiota	15°	-41°	-15°			
Melita	28°	-45°	-14°	0.6		
Minnedosa	15°	-37°	-13°	0.2		7
Ninette	24°	-41°	-12°	0.4		13
Pierson	33°	-47°	-17°	0.4		
Treesbank (St. Alban's)	20°	-41°	-14°	1.0		12
Waskada	29°	-45°	-14°	0.9		24
Graysville	21°	-39°	-12°			
Morden (Exp. Farm)	21°	-30°	-10°	1.0	122	
Morris	16°	-42°	-9°			12
Pinawa	15°	-45°	-14°	0.8		
Sprague	11°	-45°	-13°	1.4		
Winnipeg	15°	-37°	-13°	1.0	88	14
Bissett	14°	-46°	-17°	0.5		
Great Falls	16°	-42°	-14°	0.9		
Dauphin	20°	-33°	-11°	0.7		20
Gilbert Plains				0.5		4
Le Pas	7°	-42°	-21°	0.8	126	
Russell	14°	-44°	-18°	0.5		
Wanless	4°	-54°	-26°	1.1		10

ONTARIO

STATION	H	L	Tm	P	I	Sg
Northwestern Ontario						
Armstrong	14°	-47°	-15°	2.6		
Atikokan	25°	-50°	-9°	2.5		
Dona				3.7		
Emo	17°	-46°	-9°	1.5		33
Ignace	23°	-47°	-11°	2.2		36
Kawene	19°	-47°	-8°	2.5		
Kenora	12°	-35°	-10°	1.8		
Mine Centre	18°	-44°	-9°	2.0		44
Shoal Lake	14°	-45°	-14°	1.3		
Sioux Lookout	12°	-38°	-11°	1.9		26
Whitefish Bay				1.8		
Kakabeka Falls	32°	-43°	-5°	3.0		23
Longlac	32°	-44°	-8°	3.6		44
Macdiarmid				1.9		
Nakina				5.0		50
North Lake	30°	-46°	-2°	1.8		
Port Arthur	29°	-28°	1°	6.7		15
Quorn	29°	-50°	-8°	1.8		22
Schreiber	31°	-29°	2°	2.9		35
Rat Rapids	11°	-35°		2.2		24
North Central Ontario						
Abitibi Canyon	34°	-45°	-5°	2.3		
Blind River	38°	-8°	18°	2.6		13
Franz	33°	-41°	0°	4.2		30
Oba	33°	-45°	-6°	2.6		
White River	33°	-44°	-2°	5.1		28
Biscotasing	36°	-33°	4°	3.0		41
Chapleau	39°	-39°	5°	2.8		18
Coniston	42°	-34°	15°	2.7		
Ruel	37°	-45°	7°	1.4		7
Steep Hill Falls	35°	-36°	5°	6.9		
Turbine	42°	-27°	16°	3.0	53	
Cochrane	32°	-33°	2°	3.5		27
Haileybury	41°	-29°	11°	2.0	96	
Heaslip	40°	-44°	5°	1.7		14
Iroquois Falls	35°	-43°	1°	3.5		
Kapuskasing	29°	-40°	0°	3.5	83	
Smoky Falls	24°	-39°	-5°	3.9		
Timmins	35°	-22°	3°	2.0		30
Wawaitin Falls	35°	-38°	2°	3.5		22
Algonquin Park	44°	-30°	17°	2.5		
Bear Island	41°	-31°	18°			
Bingham Chute	44°	-22°	18°	2.3		
Madawaska	50°	-27°	18°	1.4		
Rutherglen	42°	-30°	15°	0.9		
Smoky Falls (Crystal Falls)	43°	-38°	15°	2.2		4
Gore Bay	40°	-7°	19°	3.3		4
Providence Bay	38°	1°	21°	2.2		
Southeastern Ontario						
Belleville	50°	1°	28°	4.2	75	0
Brockville	51°	-1°	27°	4.8		1
Campbellford				6.8		2
Clontarf	50°	-18°	20°	2.7		3
Kingston	50°	2°	29°	5.2	76	
Morrisburg	52°	- 3°	26°	3.6		0
Ottawa	48°	-8°	22°	3.0	97	
Pembroke	49°	-16°	20°	1.5		4
Picton	49°	4°	29°			
Renfrew	46°	-20°	16°	2.0		
Agincourt	52°	10°	30°	5.7		
Georgetown	53°	4°	27°	4.9		
Oak Ridges	49°	4°	26°	2.6	76	
Orono	51°	4°	28°	7.7		
Toronto	53°	11°	31°	5.2	78	0
Uxbridge	49°	4°	26°			
Apsley	50°	16°	22°	5.4		4
Bancroft	49°	-14°	26°	4.2		
Fenelon Falls				3.6		1
Haliburton	50°	-16°	23°	4.5		7
Healy Falls				5.4		0
Lakefield	52°			3.3		
Lindsay	49°	2°	25°	4.0	63	
Kemptville	51°	-5°	24°	2.8		
Peterboro	52°	1°	27°	5.2		½
Queensboro	51°	-8°	25°	3.5		
Trenton				4.6		
Tweed	51°	-4°	26°	5.9		
Southwestern Ontario						
Angus	55°	-3°	26°	1.8		
Beatrice	48°	-16°	22°	3.8		7
Beeton	55°	5°	29°	2.7		0
Collingwood	57°	4°	28°	2.4		0
Eugenia				1.4		0
Huntsville	48°	-17°	23°	5.8		8
Maganatawan	49°	-22°	21°	3.5		7
Orillia	50°	0°	25°	2.8		2
Parry Sound	48°	-6°	24°	4.2		
Scotia Junction				3.8		10
Washago				2.6		1
Brucefield	56°	4°	27°	2.8		0
Forest	56°	1°	28°	3.6		
Goderich	54°	1°	28°	2.2		0
Goderich (Ridgecrest)	53°	8°	27°	1.8		
Lucan	54°	-2°	27°	4.8		
Lucknow	56°	8°	27°	1.4		
Southampton	55°	6°	26°	2.7		T
Owen Sound	56°	8°	27°	2.5		
Tobermory	44°	10°	28°	3.4		
Walkerton	56°	8°	27°	3.7		T
Caledonia	55°	2°	28°	5.8		
Chatham	57°	2°	29°	4.9	74	
Delhi	56°	-4°	29°	8.1	68	0
Grimsby	58°	11°	31°	5.2		
Grimsby (Rock Chapel)	55°	8°	29°	5.1		
Harrow	54°	-3°	29°	5.4	78	
Leamington	57°	2°	30°	6.0		
Niagara Falls				5.1		
Niagara Falls View				5.7		0
Pelee Island	54°	5°	31°	8.8		0
Port Dover	54°	4°	30°	8.2		
Ridgetown	56°	0°	30°	6.7		0
St. Catharines	59°	15°	32°	5.6	60	
St. Thomas	54°	0°	30°	6.8		0
Simcoe	56°	-4°	29°	6.4		0
Wallaceburg	56°	0°	29°	3.7		
Welland	56°	11°	32°	6.1		0
Brantford	56°	3°	29°	6.0		
Camp Borden	55°	-3°	26°			
Grand Valley	44°	4°	24°	2.3		
London	55°	-3°	28°	6.3	74	
Mount Forest	53°	3°	25°	3.8		1½
Paris	55°	5°	29°	6.3		T
Stratford	55°	5°	26°	4.8		1
Woodstock	54°	2°	27°	6.7	78	

-4°
-4°
+4°
+8°
+8°
+8°
+8°
+12°
+8°
+8°
+4°
-4°
Lake Michigan
Buffalo
Erie
Boston
Concord
Albany
Syracuse
Scranton
Philadelphia
Harrisburg
Pittsburg
Detroit
Toledo
Cleveland
Grand Haven
Ludington
Escanaba
Marquette
Green Bay
Milwaukee
Chicago
Ft. Wayne
Saginaw
Alpena
Sault Ste. Marie
Great Whale River
Nastapoka Islands
Hudson Bay
Baffin Land
90°
85°
80°
75°
70°
65°
60°
40°
45°
50°

Ellesmere Island
Pond Inlet
Godhaven
Angmagssalik
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°
CE, DOMINION OF CANADA.
R MAP
, 1937
temperature; and total precipitation of the month.
Pangnirtung
Godthaab
Julianehaab
Nettilling L.
Amhe Inlet
Resolution
Cape Eisenhowe
Wakeham
Hopes Advance
Port Burwell
Port Chimo
H U D S O N ' S



REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches

METEOROLOGICAL SERV
WEATH
JANU
Chart shewing the difference from normal m
+20°
+20°
+16°
+16°
+12°
+12°
+8°
+8°
+4°
+4°
-4°
Herschell I.
Aklavik
McPherson
Fort Yukon
Eagle
Dawson
Whitehorse
Valdez
Mayo
Great Bear Lake
Norman
Coppermine
Cambridge Bay
Mackenzie River
Great Slave Lake
Fort Smith
Height of Land
Simpson
Liard
River

QUEBEC

STATION	H	L	Tm	P	I	Sg
Beauceville	47°	-15°	20°	3.0		
Bell Falls				1.8		
Berthierville	47°	-24°	18°	5.5		16
Brome	55°	-9°	25°	4.6		T
Cap Rouge	47°	-15°	18°	3.0	105	24
Cedars	50°	-5°	23°	4.4		
Chelsea Falls	50°	-18°	20°	2.6		
Disraeli	49°	-25°	19°	4.6		
Donnacona	43°	-16°	17°	3.3		
Drummondville	49°	-4°	23°	4.3		
East Angus	50°	-7°	23°	4 2		5
Farnham	50°	-5°	26°	3 7	66	1
Hemmings Falls				4.6		
High Falls	51°	-28°	19°	2.5		
Huberdeau	46°	-19°	19°	3.0		10
Joliette	46°	-21°	18°	3.9		8
Lacolle	55°	-4°	25°	3.0		
L'Assomption	47°	-20°	19°	4 2	104	8
Lennoxville	54°	-8°	23°	3.5	74	4
Lucerne				2.1		
Macdonald College	51°	-7°	22°	5.0		
Maniwaki	46°	-25°	17°	0.6		5
Mercier Dam	44°	-25°	15°	1.4		
Montebello	48°	-15°	27°	4.4		14
Mont Laurier	53°	-9°	18°	2.6		
Montreal	50°	-5°	24°	5.7	70	6
Nicolet	45°	-14°	18°	2.7		7
Notre Dame du Laus	48°	-23°	20°	2.2		6
Perkins				2.1		
Quebec	47°	-13°	18°	3.8	95	18
Ste. Agathe des Monts	45°	-23°	16°	4.7		12
St. Bruno de Chambly	46°	-7°	23°	4.0		
St. Gabriel de Brandon				3.7		
St. Hubert	48°	-7°	23°	4.3		
St. Hyacinthe	47°	-7°	22°	5 4		0
St. Jerome	48°	-20°	20°	4.1		
St. Laurent	50°	-7°	24°	4.2		5
St. Lin	46°	-22°	16°	4.4		
St. Tite	45°	-24°	15°	2.4		
Shawinigan Falls	40°	-21°	13°	3.4		
Sherbrooke	54°	-8°	24°	4.6	77	
Sorel	49°	-16°	18°	4.5		11
Three Rivers	43°	-12°	20°	3.9		
Armagh	46°	-20°	20°	2.5		
Bicquette	45°	-10°	14°			
Cap Chat	50°	-14°	13°	3.8		30
Cap Magdalene				1.6		
Causapscal	39°	-24°	6°	2.5		
Father Point	38°	-8°	15°	2.8		
Gaspé	50°	-23°	10°	2.5		
Grindstone Island	43°	-9°	17°	3.3		9
Harrington Harbour	35°	-19°	13°	3.5		18
Mauriceville	41°	-35°	10°	3.8		58
Mont Louis				1.8		
Port Daniel	45°	-27°	11°	5.1		
Price	42°	-12°	12°	3.3		15
Ste. Anne de la Pocatiere	43°	-14°	14°	2.7	116	
St Jules de Maria	34°	-10°	17°	4.0		
Ste. Rose	43°	-25°	10°	2.2		
Tadoussac	45°	-16°	16°	1.3		
Albanel		-34°		2.1	133	
Chicoutimi	43°	-24°	13°	2.2		
Chute aux Galets	40°	-35°	7°	2.4		
Chute à Murdock	44°	-34°	7°	4.2		
Dolbeau	45°	-34°	5°	3.7		36
Ile Malign	43°	-26°	5°	2.8		
Kenogami	47°	-25°	6°	2.1		
Lac Onatchiway	39°	-40°	2°	6.6		
Portage des Roches	48°	-25°	6°	2.0		
Roberval	35°	-33°	11°	2.8		18
Gouin Dam	43°	-38°	11°	2.5		
Lake Kempt	42°	-45°	4°	2.4		
La Tuque	44°	-28°	7°	2.3		
Manouan	42°	-40°	13°	2.6		28
Obiduan	33°	-52°	0°	3.0		36
Rapide Blanc	45°	-34°	5°	3.3		
Sanmaur	43°	-42°	3°	2.3	95	
Amos	40°	-48°	1°	5.0		
Doucet	42°	-54°	2°	4.4		48
Kipawa Dam				2.7		
Quinze Dam	38°	-37°	11°	1.6		
Temiskaming	44°	-22°	14°	2.0		
Ville Marie	42°	-28°	13°	2.0		
Normandin	41°	-35°	0°	3.7	129	

ATLANTIC PROVINCES

STATION	H	L	Tm	P	I	Sg
Aroostook	43°	-27°	15°	3.3		12
Bathurst	40°	-14°	14°	2.3		
Chatham	43°	-27°	16°	2.0		
Chipman	46°	-32°	17°	3.6		
Fredericton (Univ. of N.B.)	46°	-21°	20°	3.2	112	5
Fredericton (Exp.F.)	46°	-20°	19°	3.6	111	5
Gagetown	52°	-10°	25°	3.0		4
Grand Falls	42°	-32°	15°	2.9		
Harvey	48°	-15°	20°	3.0		
Kedgewick	40°	-24°	8°	2.6		15
Moncton	56°	-16°	21°	2.6		
Musquash	48°	-12°	24°	4.2		3
McAdam Junction	47°	-20°	20°	2.9		
Nepisiquit Falls	40°	-29°	13°	1.3		
Newcastle Creek	46°	-21°	19°	2.8		2
Richibucto	48°	-11°	20°	1.9		
Sackville	50°	-7°	24°	1.4		
St. George	52°	-8°	25°			
Saint John	47°	-3°	26°	5.4	111	8
Sussex	54°	-11°	24°	2.9		
Woodstock	53°	-24°		2.3		
Annapolis Royal	58°	4°	30°	3.9	93	
Baddeck	52°	-6°	24°	4.0		6
Digby	60°	8°	32°	5.0		
Halifax	51°	4°	28°	5.3		
Kentville (Exp. Farm)	55°	0°	26°	3.6	95	1
Liverpool	57°	1°	30°	6.5		
Nappan	51°	-6°	21°	2.4	107	
St. Paul Island			21°	3.9		
Sydney	52°	-5°	24°	4.2		5
Upper Stewiacke	52°	-14°	25°	3.9		4
Wolfville	55°	5°	28°	3.3	110	3
Yarmouth	51°	10°	31°	4.2		
Charlottetown	48°	-6°	22°	4.2	110	4
Summerside	45°	-10°	19°	2.9		

HUDSON STRAIT, NEWFOUNDLAND AND LABRADOR

STATION	H	L	Tm	P	I	Sg
Fogo	46°	-7°	16°	2.4		20
Cape Race	45°	-7°	24°	7.3		6
St. John's	57°	0°	22°	4.3		4
Millertown	44°	-12°	14°	4.1		6
Cartwright	40°	-22°	-7°	2.8		32
St. George's	52°	-2°	19°	2.3		5
Norris Arm	51°	-20°	16°	3 1		6
Grand Bank	51°	5°	26°	6.9		5
Nottingham Island	5°	-33°	-20°	0.9		